“Dangers of Water Pollution and Conducting Water Tests”

1. Ideas from the actual lesson plan were retrieved and adapted from existing lesson plans on the Peace Corps Ukraine Environmental Working Group website, at <http://ewgukraine.wikispaces.com/Educational+Resources>. The specific lesson plans are entitled “Understanding Water as a Resource” and “Pollution: Human Impact on the Environment and Different Kinds of Water Pollution.”

“Water Pollution” PowerPoint and Chemical Chart

1. Some of the ideas from this PowerPoint were also retrieved from the “Understanding Water as a Resource” and “Pollution: Human Impact on the Environment and Different Kinds of Water Pollution” lesson plans. These are retrievable at the above link.
2. “How Much Water Is There on Earth.” How Stuff Works?. <http://science.howstuffworks.com/environmental/earth/geophysics/question157.htm>
3. Information and figures about Total Nitrite, Copper, Lead, and Total Nitrate obtained from the US Environmental Protection Agency’s webpage “Drinking Water Contaminants” located at <http://water.epa.gov/drink/contaminants/index.cfm#3>
4. Information and figures about pH, Total Alkalinity, Iron, Chloride, Sulfate, and Total Hardness obtained from “Water Quality: Protecting Household Drinking Water” located at <http://animalrangeextension.montana.edu/LoL/Module-3b/3-Mineral2.htm>
5. Information about Pesticides obtained from <http://psep.cce.cornell.edu/facts-slides-self/facts/pes-heef-grw85.aspx>
6. Chlorine information taken from <http://www.orthomolecular.org/library/jom/2000/articles/2000-v15n02-p089.shtml>
7. Information about Hydrogen sulfide obtained from <http://www.freedrinkingwater.com/water-education2/78-hydrogen-sulfide.htm>
8. Water video entitled “Quality Drinking Water Scarce in Ukraine” was obtained from <http://www.youtube.com/watch?v=Ittls2Jsguk> and was upload by NTD Television.

All photos were obtained from the following sources:

<http://www.google.com/imgres?imgurl=http://www.optimallyorganic.com/cleanwater_drop.jpg&imgrefurl=http://www.optimallyorganic.com/WaterDistiller.htm&usg=__nSamf1AVMifxwbxrQE2Q0XpQ9LU=&h=327&w=448&sz=15&hl=en&start=4&zoom=1&tbnid=4Kt0fs7cEQlKAM:&tbnh=93&tbnw=127&ei=SE1wT9mHFITHswbykbyzAg&um=1&itbs=1>

<http://www.google.com/imgres?imgurl=http://i.telegraph.co.uk/multimedia/archive/00979/drinking-water-460_979746c.jpg&imgrefurl=http://www.telegraph.co.uk/news/uknews/3099454/British-drinking-water-may-be-tainted-with-prescription-drugs.html&usg=__cXsPLxZNiYfWgFA0ajsX8w_SwUQ=&h=288&w=460&sz=22&hl=en&start=2&zoom=1&tbnid=ZW9NamcAKAhmDM:&tbnh=80&tbnw=128&ei=IlBwT_iAIMXIsgbEk7GdAg&um=1&itbs=1>

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<http://www.google.com/imgres?imgurl=http://www.shastaconservationfund.org/wishing_well2.jpg&imgrefurl=http://www.shastaconservationfund.org/WELL.htm&usg=__PidOnb0xaVkKVl1LfUz2Nnxfnv0=&h=400&w=400&sz=61&hl=en&start=4&zoom=1&tbnid=x-rVCHkBpYPPYM:&tbnh=124&tbnw=124&ei=iZBwT6qpE8rFtAbahZyqAg&prev=/search%3Fq%3Dwell%26um%3D1%26hl%3Den%26safe%3Doff%26client%3Dfirefox-a%26sa%3DN%26rls%3Dorg.mozilla:en-US:official%26tbm%3Disch&um=1&itbs=1>

<http://www.google.com/imgres?imgurl=http://1.bp.blogspot.com/-TJtkwOIk-u8/TuYCnyvqESI/AAAAAAAAAVk/kibtVINVTpc/s1600/showersinger2.jpg&imgrefurl=http://ignorantics.blogspot.com/2011/12/ignorantic-shower-singers-part-1.html&usg=__BuoHSV2Q2Dt_OBwvfa9RV4zB7Qk=&h=320&w=296&sz=28&hl=en&start=31&zoom=1&tbnid=Mi6hv5cT7evoaM:&tbnh=118&tbnw=109&ei=WBCAT76OOcjZsgb74aCjBA&um=1&itbs=1>

<http://www.google.com/imgres?imgurl=http://www.crystalspring.net/images/bottledWater.jpg&imgrefurl=http://www.crystalspring.net/bottledWater.html&usg=__Gy8nGrkHsUpwd3K7M3H1vXN8cFE=&h=290&w=437&sz=63&hl=en&start=20&zoom=1&tbnid=002-Dxn9PMdJeM:&tbnh=84&tbnw=126&ei=sI9wT-u5OMXLtAbFsNSxAg&prev=/search%3Fq%3Dbottled%2Bwater%26um%3D1%26hl%3Den%26safe%3Doff%26client%3Dfirefox-a%26sa%3DN%26rls%3Dorg.mozilla:en-US:official%26tbm%3Disch&um=1&itbs=1>

<http://www.google.com/imgres?imgurl=http://scienceblogs.com/aardvarchaeology/water%2520tap.jpg&imgrefurl=http://scienceblogs.com/aardvarchaeology/2008/03/tap_water_is_not_a_naturally_o.php&usg=__FGYNRgpwQTSWD2b9bBJhkdGDUIU=&h=520&w=400&sz=22&hl=en&start=3&zoom=1&tbnid=9yl_QigV_XlcBM:&tbnh=131&tbnw=101&ei=KpFwT_zeMsPmtQbizpy1Ag&prev=/search%3Fq%3Dtap%2Bwater%26um%3D1%26hl%3Den%26safe%3Doff%26client%3Dfirefox-a%26sa%3DN%26rls%3Dorg.mozilla:en-US:official%26tbm%3Disch&um=1&itbs=1>

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<http://science.howstuffworks.com/environmental/earth/geophysics/question157.htm>

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<http://phil.cdc.gov/PHIL_Images/8698/8698_lores.jpg>

<http://www.google.com/imgres?imgurl=http://1.bp.blogspot.com/_DsZn5gt03b8/TTVedGNrBwI/AAAAAAAAAW4/xCID0Ljokzk/s1600/Stomach-pain-Symptoms.jpg&imgrefurl=http://healthnfitness-tips.blogspot.com/2011/01/symptoms-and-home-remedies-for-stomach.html&usg=__wvP-3Fl_YnWmdtbChbpAgVGQMCc=&h=420&w=280&sz=88&hl=en&start=7&zoom=1&tbnid=KLWCZdv3U90j-M:&tbnh=125&tbnw=83&ei=Kt9wT_f4H8ngtQaV48TVDQ&prev=/search%3Fq%3Dstomach%2Billness%26um%3D1%26hl%3Den%26safe%3Doff%26client%3Dfirefox-a%26sa%3DN%26rls%3Dorg.mozilla:en-US:official%26tbm%3Disch&um=1&itbs=1>

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